

## Address Coding Method for Data Storage Device

### Abstract of the Disclosure

A hexadecimal/binary-coded-decimal (HEXA-BCD) hybrid address coding method for representing digital timing address of data storage device, wherein the first digit of the minute filed is represented in Hexadecimal format with four binary data bits, therefore the 0-9 is the same as the BCD coding while 11-15 (A-F) is an extension which allows the proprietary recorder to recognize the data storage device and generates the time address for the digital data storage device. Furthermore, a slight firmware change is made by extending the address look up table to 159:59:74. Hence the first digit of the time address must be represented in Hexadecimal which fully utilizes the four addressing bits in the M1 frame.